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(54) Title: METHODS AND COMPOSITIONS FOR PREPARING PANCREATIC INSULIN SECRETING CELLS

(57) Abstract: The present invention concerns the use of transdifferentiated cells to treat pancreatic diseases. More particularly, it provides methods for the culture and transdifferentiation of human cord blood cells into insulin-secreting cells. It also concerns the endocrine hormones, such as insulin, produced by such cultures, and the use of the transdifferentiated cells in the treatment of diabetes.